



16179 U.S.PTO

TRANSMITTAL FOR U.S. PATENT APPLICATION  
UNDER 37 CFR §1.53(b)

**Mail Stop Patent Application**  
Honorable Assistant Commissioner  
of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Attorney Docket: 017575.0782  
(TAMUS 1955/1603/1571)  
**Certificate of Express Mail**  
**No. EV334589010US**

Sir:

Transmitted herewith for filing is the original patent application of:

In re Application of: Mark Holtzapple, Richard Davison, Lee Lowery and Cesar Granda

Title: *Methods and Systems for Pretreatment and Processing of Biomass*

Enclosed are:

1. 83 pages of Specification, including 86 Claims and Abstract;
2. 51 pages of Informal Drawings;
3. This Transmittal form (2 pages);
4. 1 Page Certificate of Mailing by Express Mail; and
5. Return receipt postcard.

**Applicant is a small entity.**

**This application claims the priority benefit of U.S. Provisional Application Serial Nos. 60/423,288 filed November 1, 2002.**



FEE CALCULATION					FEE
	Number		Number Extra	Rate	Basic Fee
Total Claims	86	20	66	X \$9=	\$385.00 594.00
Independent Claims	8	3	5	X \$43=	215.00
TOTAL FILING FEE =					\$1,194.00

Enclosed is a check in the amount of \$1,194.00 to satisfy filing fee requirements under 37 C.F.R. § 1.16. Please charge any additional fees or credit any overpayment to Deposit Account No. 02-0384 of BAKER BOTTS L.L.P.

BAKER BOTTS L.L.P.  
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Date: Ocotober 31, 2003

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Customer Number **05073**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: **Mark Holtzapple, Richard Davison and Lee Lowery**  
Date Filed: **October 31, 2003**  
Title: ***Methods and Systems for Pretreatment and Processing of Biomass***

**Mail Stop Patent Application**  
Honorable Assistant Commissioner  
of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

I hereby certify that the attached Patent Application, Informal Drawings, Transmittal for U.S. Patent Application, and this Certificate of Mailing are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on this 31st day of October, 2003 and is addressed to the Mail Stop: Patent Application, Assistant Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
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Jay Howard

Express Mail Receipt  
No. EV334389010US  
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